

INDUCTOR FORMED BETWEEN TWO LAY- OUT LAYERS

Abstract

An inductor includes a first wiring layer, a second wiring layer, a first conductive trace, a second conductive trace, a third conductive trace, and a fourth conductive trace. The first conductive trace is on the first wiring layer and the second conductive trace is on the second wiring layer. The third conductive trace is parallel to the first conductive trace and is on the first wiring layer. The fourth conductive trace is parallel to the second conductive trace and is on the second wiring layer. The first end of the first conductive trace is connected to the first end of the second conductive trace through a first via plug. The second end of the second conductive trace is connected to the first end of the third conductive trace through a second via plug. The second end of the third conductive trace is connected to the first end of the fourth conductive trace through a third via plug.